

**Agency/Organization:** Clark County / Utah State University

**Project Name:** Brome Reduction Study

**Project Number:** 2019-USU-1995A

**Reporting Period:** Dec. 31<sup>st</sup>, 2023- April 5<sup>th</sup> 2024

**Project Contact Name and Information:**

Corey Ransom: Utah State University

Eric Westra: Utah State University

**QUESTION 1:**

**What did you accomplish during this reporting period?**

- Coverage data for red brome as well as other vegetation was recorded prior to POST-emergent herbicide applications to document the impact of PRE-emergent herbicide applications made on 12-12-23.
- Remaining POST-emergent herbicide applications were applied on 1-29-2024
- Ratings of all plots including PRE and POST-emergent applications were conducted on 3-28-2024. Ratings included visual control compared to untreated check plots, density on Red brome, and all plots were photo-documented.

**How did these accomplishments help you reach the goal of your project?**

Remaining herbicide treatments (POST) were applied and two evaluations of the study were conducted to evaluate the impact of PRE-emergent herbicide applications including photo documentation of all plots. These were critical steps in the execution of overall project goals. Future steps will be additional evaluations at dates where all species are actively growing.

**If relevant, what indicators or benchmarks were used to determine your progress?**

**QUESTION 2: What, if any, problems were encountered? Briefly describe those problems and the manner in which they were dealt.**

Some of the native species were still dormant which negated ratings compared to untreated check plots. Future ratings dates where majority of species are actively growing will be conducted to compensate for dormant species.

**QUESTION 3: What, if any, proposed activities were not completed? Briefly describe those activities, the reasons they were not completed and your plans for carrying them out. NA**

**QUESTION 4: What is the calculated percent of work completed? ~50%**

**QUESTION 5: Do you foresee any upcoming problems with future project activities? If so, how do you propose to overcome those problems? NA**

**QUESTION 6: Is there anything else you want to tell the DCP about this project? NA**

**QUESTION 7: What was produced during the reporting period?**

POST-Emergent herbicide applications and two evaluation dates.